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**(57)Abstract:**

**CONSTITUTION:** A lever unit 1 is connected to a control box 2, and outputs from an engine turning sensor 10, a car velocity sensor 11, a weight sensor 12, and ignition timing control sensor 14, an inclination sensor 14, a cooler sensor 15, a water temperature sensor 16, a brake sensor 17 and a throttle opening sensor 18 are input to the control box 2. According to outputs from the control box 2, a shift solenoid valve 6, a clutch 9 and a solenoid valve 3 are controlled. Thus, a speed change operation of a car can be electrically controlled and the clutch 9 can be automatically controlled, which results in improvements in operability, economical character and durability.

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